	Substitute Form PTO-1449 (Modified)	U.S. Department of Commerce Patent and Trademark Office	Attorney Docket No. 19662-0035US1	Application No. 10/567,002	
	Information Disclosure Statement by Applicant (Use several sheets if necessary) (37 CFR §1.98(b))		Applicant HandyLab, Inc.		
			Filing Date January 31, 2006	Group Art Unit 1797	

	U.S. Patent Documents						
Examiner Initial	Desig. ID	Document Number	Publication Date	Patentee	Class	Subclass	Filing Date If Appropriate
	A1	1616419	2/1/2027	Wilson			
	A2	1773401	8/19/1930	Lovekin			
	A3	3528449	9/15/1970	Witte et al.			
	A4	4139005	2/13/1979	Dickey			
	A5	4612959	9/23/1986	Costello			
	A6	4654127	3/31/1987	Baker et al.			
	A7	4673657	6/16/1987	Christian			
	A8	4946562	8/7/1990	Guruswamy et al.			
	A9	4949742	8/21/1990	Rando et al.			
	A10	4963498	10/16/1990	Hillman et al.			
	A11	4989626	2/5/1991	Takagi et al.			
	A12	5001417	3/19/1991	Pumphrey et al.			
	A13	5004583	4/2/1991	Guruswamy et al.			
	A14	5053199	10/1/1991	Keiser et al.			
	A15	5061336	10/29/1991	Soane			
	A16	5064618	11/12/1991	Baker et al.			
	A17	5071531	12/10/1991	Soane			
	A18	5126002	06/1992	Iwata et al.			
	A19	5126022	6/30/1992	Soane et al.			
	A20	5135627	8/4/1992	Soane			
	A21	5135872	8/4/1992	Pouletty et al.			
	A22	5147606	9/15/1992	Charlton et al.			
	A23	5208163	5/4/1993	Charlton et al.			
	A24	5250263	10/5/1993	Manz et al.			
	A25	5282950	2/1/1994	Dietze et al.			
	A26	5296375	3/22/1994	Kricka et al.			
	A27	5304477	4/19/1994	Nagoh et al.			

Examiner Signature	Date Considered

	Substitute Form PTO-1449 (Modified)	U.S. Department of Commerce Patent and Trademark Office	Attorney Docket No. 19662-0035US1	Application No. 10/567,002	
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			Filing Date January 31, 2006	Group Art Unit 1797	

U.S. Patent Documents							
Examiner Initial	Desig. ID	Document Number	Publication Date	Patentee	Class	Subclass	Filing Date If Appropriate
	A28	5304487	4/19/1994	Wilding et al.			
	A29	5311896	5/17/1994	Kaartinen et al.			
	A30	5316727	5/31/1994	Suzuki et al.			
	A31	5339486	8/23/1994	Persic, Jr			
	A32	5372946	12/13/1994	Cusak et al.			
	A33	5374395	12/20/1994	Robinson et al.			
	A34	5411708	5/2/1995	Moscetta et al.			
	A35	5427946	6/27/1995	Kricka et al.			
	A36	5486335	1/23/1996	Wilding et al.			
	A37	5498392	3/12/1996	Wilding et al.			
	A38	5503803	4/2/1996	Brown			
	A39	5519635	5/21/1996	Miyake et al.			
	A40	5559432	9/24/1996	Logue			
	A41	5565171	10/15/1996	Dovichi et al.			
	A42	5569364	10/29/1996	Hooper et al.			
	A43	5580523	12/3/1996	Bard			
	A44	5585069	12/17/1996	Zanzucchi et al.			
	A45	5585089	12/17/1996	Queen et al.			
	A46	5587128	12/24/1996	Wilding et al.			
	A47	5589136	12/31/1996	Northrup et al.			
	A48	5593838	1/14/1997	Zanzucchi et al.			
	A49	5599432	2/4/1997	Manz et al.			
	A50	5599503	2/4/1997	Manz et al.			
	A51	5603351	2/18/1997	Cherukuri et al.			
	A52	5605662	2/25/1997	Heller et al.			
	A53	5628890	5/13/1997	Carter et al.			
	A54	5631337	5/20/1997	Sassi et al.			

ſΕ	xaminer Signature	Date Considered

	Substitute Form PTO-1449 (Modified)	U.S. Department of Commerce Patent and Trademark Office	Attorney Docket No. 19662-0035US1	Application No. 10/567,002	
	Information Disclosure Statement by Applicant (Use several sheets if necessary) (37 CFR §1.98(b))		Applicant HandyLab, Inc.		
			Filing Date January 31, 2006	Group Art Unit 1797	

	U.S. Patent Documents						
Examiner Initial	Desig. ID	Document Number	Publication Date	Patentee	Class	Subclass	Filing Date If Appropriate
	A55	5632876	5/27/1997	Zanzucchi et al.			
	A56	5632957	5/27/1997	Heller et al.			
	A57	5635358	6/3/1997	Wilding et al.			
	A58	5637469	6/10/1997	Wilding et al.			
	A59	5639423	6/17/1997	Northrup et al.			
	A60	5643738	7/1/1997	Zanzucchi et al.			
	A61	5646039	7/8/1997	Northrup et al.			
	A62	5652149	7/29/1997	Mileaf et al.			
	A63	5674742	10/7/1997	Northrup et al.			
	A64	5681484	10/28/1997	Zanzucchi et al.			
	A65	5681529	10/28/1997	Taguchi et al.			
	A66	5683657	11/4/1997	Mian			
	A67	5699157	12/16/1997	Parce et al.			
	A68	5726026	3/10/1998	Wilding et al.			
	A69	5726404	3/10/1998	Brody			
	A70	5731212	3/24/1998	Gavin et al.			
	A71	5747666	5/5/1998	Willis			
	A72	5750015	5/1/1998	Soane et al.			
	A73	5755942	5/26/1998	Zanzucchi et al.			
	A74	5763262	6/9/1998	Wong et al.			
	A75	5770029	6/23/1998	Nelson et al.			
	A76	5772966	6/30/1998	Maracas et al.			
	A77	5779868	7/14/1998	Parce et al.			
	A78	5787032	7/28/1998	Heller et al.			
	A79	5788814	8/4/1998	Sun et al.			
	A80	5800690	9/1/1998	Chow et al.			
	A81	5827481	10/27/1998	Bente et al.			

Examiner Signature	Date Considered				
EXAMINER: Initials citation considered. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.					
next communication to applicant.					

	Substitute Form PTO-1449 (Modified)	U.S. Department of Commerce Patent and Trademark Office	Attorney Docket No. 19662-0035US1	Application No. 10/567,002	
	Information Disclosure Statement by Applicant (Use several sheets if necessary) (37 CFR §1.98(b))		Applicant HandyLab, Inc.		
			Filing Date January 31, 2006	Group Art Unit 1797	

				nt Documents			
Examiner Initial	Desig. ID	Document Number	Publication Date	Patentee	Class	Subclass	Filing Date If Appropriate
	A82	5842106	11/24/1998	Thaler et al.			
	A83	5842787	12/1/1998	Kopf-Sill et al.			
	A84	5846396	12/8/1998	Zanzucchi et al.			
	A85	5849486	12/15/1998	Heller et al.			
	A86	5849489	12/15/1998	Heller et al.			
	A87	5849598	12/15/1998	Wilson et al.			
	A88	5852495	12/22/1998	Parce et al.			
	A89	5856174	1/5/1999	Lipshutz et al.			
	A90	5858188	1/12/1999	Soane et al.			
	A91	5863502	1/26/1999	Southgate et al.			
	A92	5863708	1/26/1999	Zanzucchi et al.			
	A93	5863801	1/1/1999	Southgate et al.			
	A94	5866345	2/2/1999	Wilding et al.			
	A95	5869004	2/9/1999	Parce et al.			
	A96	5872010	2/16/1999	Karger et al.			
	A97	5874046	2/23/1999	Megerle			
	A98	5876675	3/2/1999	Kennedy			
	A99	5880071	3/9/1999	Parce et al.			
	A100	5882465	3/16/1999	McReynolds			
	A101	5883211	3/16/1999	Sassi et al.			
	A102	5885432	3/23/1999	Hooper et al.			
	A103	5885470	3/23/1999	Parce et al.			
	A104	5895762	4/20/1999	Greenfield et al.			
	A105	5900130	5/4/1999	Benvegnu et al.			
	A106	5912124	6/15/1999	Kumar			
	A107	5912134	6/15/1999	Shartle			
	A108	5916522	6/29/1999	Boyd et al.			

Examiner Signature	Date Considered

			Attorney Docket No. 19662-0035US1	Application No. 10/567,002	
	Information Disclosure Statement by Applicant (Use several sheets if necessary) (37 CFR §1.98(b))		Applicant HandyLab, Inc.		
			Filing Date January 31, 2006	Group Art Unit 1797	

U.S. Patent Documents							
Examiner Initial	Desig. ID	Document Number	Publication Date	Patentee	Class	Subclass	Filing Date If Appropriate
	A109	5916776	6/29/1999	Kumar			
	A110	5919711	7/6/1999	Boyd et al.			
	A111	5922591	7/13/1999	Anderson et al.			
	A112	5927547	7/27/1999	Papen et al.			
	A113	5928880	7/27/1999	Wilding et al.			
	A114	5929208	7/27/1999	Heller et al.			
	A115	5932799	8/3/1999	Moles			
	A116	5935401	8/10/1999	Amigo			
	A117	5939291	8/17/1999	Loewy et al.			
	A118	5942443	8/24/1999	Parce et al.			
	A119	5948227	9/7/1999	Dubrow et al.			
	A120	5955028	9/21/1999	Chow et al.			
	A121	5955029	9/21/1999	Wilding et al.			
	A122	5957579	9/28/1999	Kopf-Sill et al.			
	A123	5958203	9/28/1999	Parce et al.			
	A124	5958694	9/28/1999	Nikiforov et al.			
	A125	5959291	9/28/1999	Jensen			
	A126	5964995	10/12/1999	Nikiforov et al.			
	A127	5964997	10/12/1999	McBride			
	A128	5965001	10/12/1999	Chow et al.			
	A129	5965410	10/12/1999	Chow et al.			
	A130	5965886	10/12/1999	Sauer et al.			
	A131	5972187	10/26/1999	Parce et al.			
	A132	5976336	11/2/1999	Dubrow et al.			
	A133	5980704	11/9/1999	Cherukuri et al.			
	A134	5980719	11/9/1999	Cherukuri et al.			
	A135	5989402	11/23/1999	Chow et al.			

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		Attorney Docket No. 19662-0035US1	Application No. 10/567,002	
	losure Statement plicant	Applicant HandyLab, Inc.		
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U.S. Patent Documents								
Examiner Initial	Desig. ID	Document Number	Publication Date	Patentee	Class	Subclass	Filing Date If Appropriate	
	A136	5992820	11/30/1999	Fare et al.				
	A137	5993611	11/30/1999	Moroney, III et al.				
	A138	5993750	11/30/1999	Ghosh et al.				
	A139	5997708	12/7/1999	Craig				
	A140	6001231	12/14/1999	Kopf-Sill				
	A141	6001307	12/14/1999	Naka et al.				
	A142	6004515	12/21/1999	Parce et al.				
	A143	6007690	12/28/1999	Nelson et al.				
	A144	6012902	1/11/2000	Parce et al.				
	A145	6043080	3/28/2000	Lipshutz et al.				
	A146	6046056	4/4/2000	Parce et al.				
	A147	6048734	4/11/2000	Burns et al.				
	A148	6054034	4/25/2000	Soane et al.				
	A149	6056860	5/2/2000	Amigo et al.				
	A150	6057149	5/2/2000	Burns et al.				
	A151	6102897	8/15/2000	Lang				
	A152	6130098	10/10/2000	Handique et al.				
	A153	6168948	10/17/2000	Anderson et al.				
	A154	6197595	3/1/2001	Anderson et al.				
	A155	6287254	9/11/2001	Dodds				
	A156	6306273	10/23/2001	Wainright et al.				
	A157	6326211	12/4/2001	Anderson et al.				
	A158	6403338	6/11/2002	Knapp et al.				
	A159	6534295	3/18/2003	Tai et al.				
	A160	6544734	4/8/2003	Briscoe et al.				
	A161	6572830	6/3/2003	Burdon et al.				
	A162	6576459	6/10/2003	Miles et al.				

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Substitute Form PTO-1449 (Modified)	U.S. Department of Commerce Patent and Trademark Office	Attorney Docket No. 19662-0035US1	Application No. 10/567,002	
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(37 CER 81 98/b))		January 31, 2006	1797	

			U.S. Pate	nt Documents			
Examiner Initial	Desig. ID	Document Number	Publication Date	Patentee	Class	Subclass	Filing Date If Appropriate
	A163	6664104	12/16/2003	Pourahmadi et al.			
	A164	6670153	12/30/2003	Stern			
	A165	6790330	9/14/2004	Gascoyne et al.			
	A166	6893879	5/17/2005	Petersen et al.			
	A167	6942771	9/13/2005	Kayyem			
	A168	6984516	1/10/2006	Briscoe et al.			
	A169	7004184	2/28/2006	Handique et al.			
	A170	7192557	03/2007	Wu et al.			
	A171	7270786	09/2007	Parunak et al.			
	A172	7323140	1/2008	Handique et al.			
	A173	2002/0054835	5/9/2002	Robotti et al.			
	A174	2003/0087300	05/2003	Knapp et al.			
	A175	2003/0127327	07/2003	Kurnik			
	A176	2008/0050804	02/2008	Handique et al.			

	Foreign Patent Documents or Published Foreign Patent Applications									
Examiner	Desig.	Document	Publication	Country or				lation		
Initial	ID	Number	Date	Patent Office	Class	Subclass	Yes	No		
	В1	WO 99/09042	02/1999	WIPO						
	В2	WO 03/055605	07/2003	WIPO						
	В3						İ			
	B4									
	В5									

(Other Documents (include Author, Title, Date, and Place of Publication)					
Examiner	Desig.					
Initial	ID D	Document				
	C1	Brody, et al., "Diffusion-based extraction in a microfabricated device" <u>Sensors and Actuators</u> (<u>Elsevier</u>), Vol. A58, No.1: pages 13-18 (1997).				
	C2	Burns et al., "An Integrated Nanoliter DNA Analysis Device," Science 282: 484-487 (1998)				

Examiner Signature	Date Considered
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EXAMINER: Initials citation considered. Draw line through citation if no	of in conformance and not considered. Include copy of this form with
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Substitute Form PTO-1449 U.S. Department of Commerce (Modified) Patent and Trademark Office		Attorney Docket No. 19662-0035US1	Application No. 10/567,002	
Information Disclo by Appl		Applicant HandyLab, Inc.		
(Use several sheets if necessary)		Filing Date	Group Art Unit	
(37 CFR §1.98(b))		January 31, 2006	1797	

Other Documents (include Author, Title, Date, and Place of Publication)				
Examiner	Desig.			
Initial	ID	Document		
	C3	HANDIQUE, K. et al., "Mathematical Modeling of Drop Mixing in a Slit-Type Microchannel", J. Micromech. Microeng., 11:548-554 (2001)		
	C4	HANDIQUE, K. et al., "Nanoliter Liquid Metering in Microchannels Using Hydrophobic Patterns", Anal. Chem., 72:4100-4109 (2000)		
	C5	HANDIQUE et al., "On-Chip Thermopneumatic Pressure for Discrete Drop Pumping," Anal. Chem. 73: 1831-1838 (2000)		
	C6	HANDYLAB, INC., International Search Report and the Written Opinion for PCT Application No. PCT/US2004/025181 dated February 21, 2005, 13 pages.		
	C7	HE, B. et al., "Microfabricated Filters for Microfluidic Analytical Systems", Analytical Chemistry, Vol. 71, No. 7 (1999), pp. 1464-1468		
	C8	IBRAHIM, M.S. et al., "Real-Time Microchip PCR for Detecting Single-Base Differences in Viral and Human DNA", Analytical Chemistry, Vol. 70, No. 9 (1998), pp. 2013-2017		
	C9	KHANDURINA, J. et al., "Microfabricated Porous Membrane Structure for Sample Concentration and Electrophoretic Analysis", Analytical Chemistry, Vol. 71, No. 9 (1999), pp. 1815-1819		
	C10	KOPP, M.U. et al., "Chemical Amplification: Continuous-Flow PCR on a Chip", Science, Vol. 280 (May 15, 1998), pp. 1046-1048		
	C11	KUTTER, J.P. et al., "Solid Phase Extraction on Microfluidic Devices", J. Microcolumn Separations, Vol. 12, No. 2 (2000), pp.93-97		
	C12	LAGALLY, E.T. et al., "Single-Molecule DNA Amplification and Analysis in an Integrated Microfluidic Device", Analytical Chemistry, Vol. 73, No. 3 (2001), pp. 565-570		
	C13	NORTHRUP, M.A. et al., "A Miniature Analytical Instrument for Nucleic Acids Based on Micromachined Silicon Reaction Chambers", Analytical Chemistry, Vol. 70, No. 5 (1998), pp. 918-922		
	C14	OLESCHUK, R. et al., "Trapping of Bead-Based Reagents within Microfluidic Systems: On-Chip Solid-Phase Extraction and Electrochromatography", Analytical Chemistry, Vol. 72, No. 3 (2000), pp. 585-590		
	C15	ROSS, P.L. et al., "Analysis of DNA Fragments from Conventional and Microfabricated PCR Devices Using Delayed Extraction MALDI-TOF Mass Spectrometry", Analytical Chemistry, Vol. 70, No. 10 (1998), pp. 2067-2073		
	C16	WATERS et al., "Microchip Device for Cell Lysis, Multiplex PCR Amplification, and Electrophoretic Sizing" Analytical Chemistry, Vol. 70, No. 1, pp. 158-162 (1998)		
	C17	WEIGL, B.H. et al., "Microfluidic Diffusion-Based Separation and Detection", Science, Vol. 283 (January 15, 1999), pp. 346-347		

Examiner Signature	Date Considered			
EXAMINER: Initials citation considered. Draw line through citation if not in conformance and not considered. Include copy of this form with				
next communication to applicant.				